

AUTHENTIC PEST SERVICES LLC

BRYAN, TEXAS

PROJECT DESCRIPTION: PROPOSED OFFICE/FLEX
FOR A PEST CONTROL COMPANY.

ARCHITECT:
R.A.I. DESIGNS, INC.

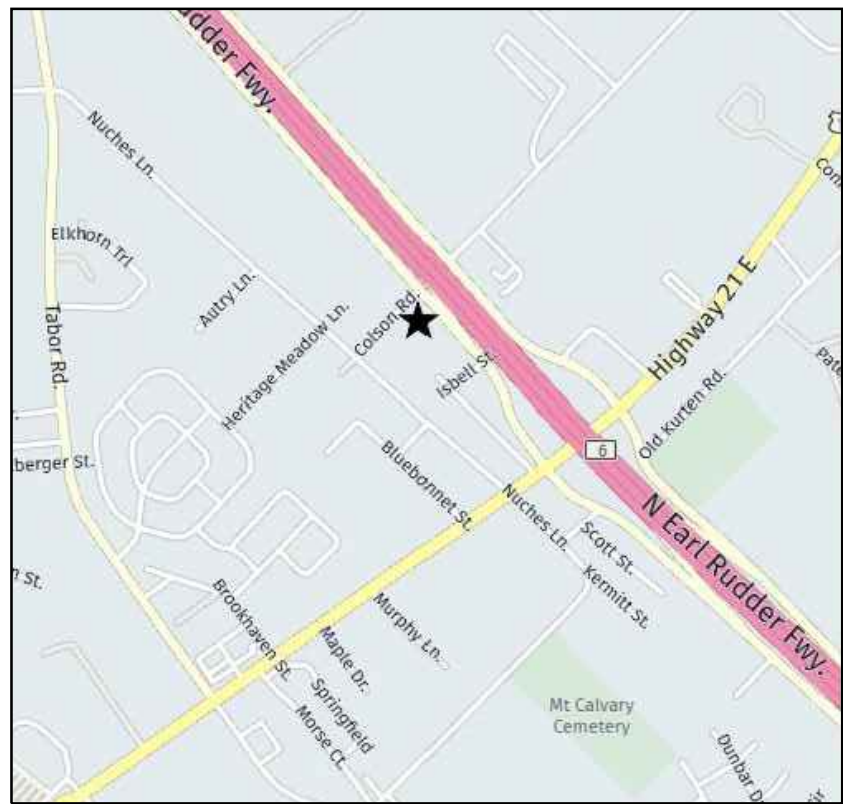
3206 LONGMIRE DRIVE
SUITE A19
COLLEGE STATION, TEXAS 77845
(979) 846-3366

OWNER:
NATHAN FISH

BRYAN, TEXAS 77802
nathanfish04@gmail.com

SURVEYOR:
ADAM WALLACE

COLLEGE STATION, TEXAS 77840
(979) 209-9291



VICINITY MAP
N.T.S.



BUILDING CODE DATA	
BUILDING CODE:	THE INTERNATIONAL BUILDING CODE (2021 EDITION) w/ ADOPTED AMENDMENTS
ACCESSIBILITY CODE:	TEXAS ACCESSIBILITY STANDARDS
PLUMBING CODE:	THE INTERNATIONAL PLUMBING CODE (2021 EDITION) w/ ADOPTED AMENDMENTS
MECHANICAL CODE:	THE INTERNATIONAL MECHANICAL CODE (2021 EDITION) w/ ADOPTED AMENDMENTS
ELECTRICAL CODE:	THE NATIONAL ELECTRICAL CODE (2020 EDITION) w/ ADOPTED AMENDMENTS
ENERGY CODE:	THE INTERNATIONAL ENERGY CONSERVATION CODE (2018 EDITION) w/ ADOPTED AMENDMENTS
FIRE PREVENTION CODE:	THE INTERNATIONAL FIRE CODE (2021 EDITION) w/ ADOPTED AMENDMENTS
TYPE OF CONSTRUCTION:	TYPE 2-B
OCCUPANCY CLASSIFICATION:	C-3
ZONING CLASSIFICATION:	C-3

SITE AREA	
TOTAL ACREAGE =	0.4393 ACRES
TOTAL SQ. FT. =	19,079 SQ. FT.

SHEET INDEX	
COVER SHEET	S-0.1
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B/CS UNIFIED STANDARD DETAILS	S-2.0
B/CS UNIFIED STANDARD DETAILS	S-2.1
LANDSCAPING PLAN	S-3.0
HANDICAP DETAILS	G-1.0
HANDICAP DETAILS	G-1.1

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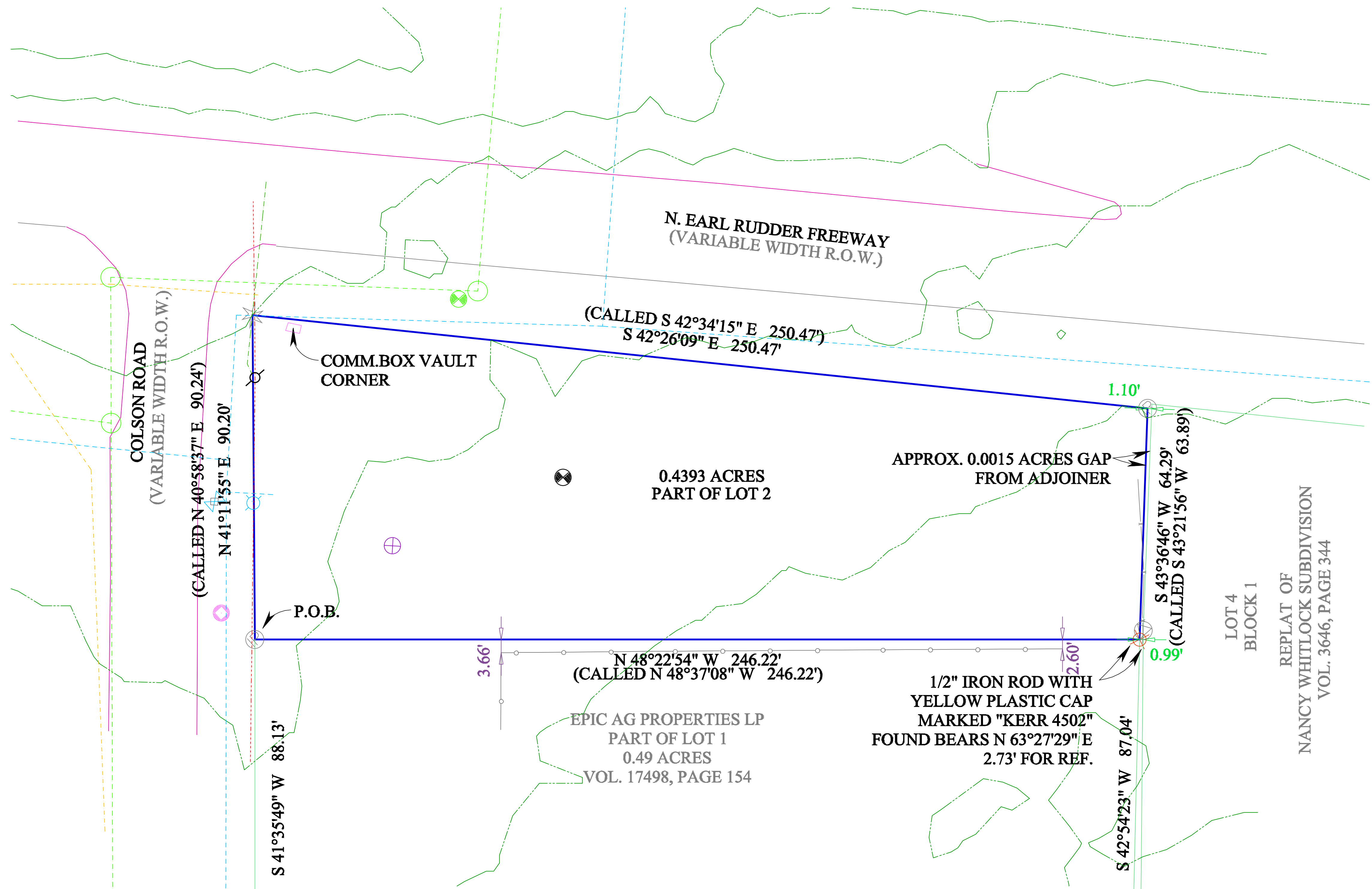
R.A.I. JOB#:

24-094

PROJECT SITE INFO:
3101 COLSON ROAD
BRYAN, TX
0.438


















OWNER:
AUTHENTIC PEST SERVICES LLC

SHEET S-0.1 OF EIGHT DATE: 08-12-2025	JTR - INITIAL LAYOUT	02-11-25
	JTR - SD-2	02-19-25
	JTR - SD-2	04-15-25
	PCT - FINISH OUT	08-11-25
	PCT - FINISH OUT	08-12-25



EXISTING SITE PLAN

SCALE: 1/16" = 10'-0" | 01

SITE LEGEND			
	PROPERTY LINES		EXISTING CONTOUR LINES
	SET BACK / P.U.E. LINES		PROPOSED CONTOUR LINES
	WATER LINES		STORM SEWER LINES
	SEWER/SAN LINES		UTILITY LINES
	POWER LINES (AERIAL)		GAS LINES
	POWER LINES (UNDER GROUND)		VEHICLE LAY OF HOSE (V.L.o.H.)
	FENCE LINE		CONCRETE PAVEMENT
	TREE PROTECTION		GROUND COVER
	6'-0" TALL PRIVACY FENCE		GRAVEL
	FIRE HYDRANT (EXISTING)		

NOTES

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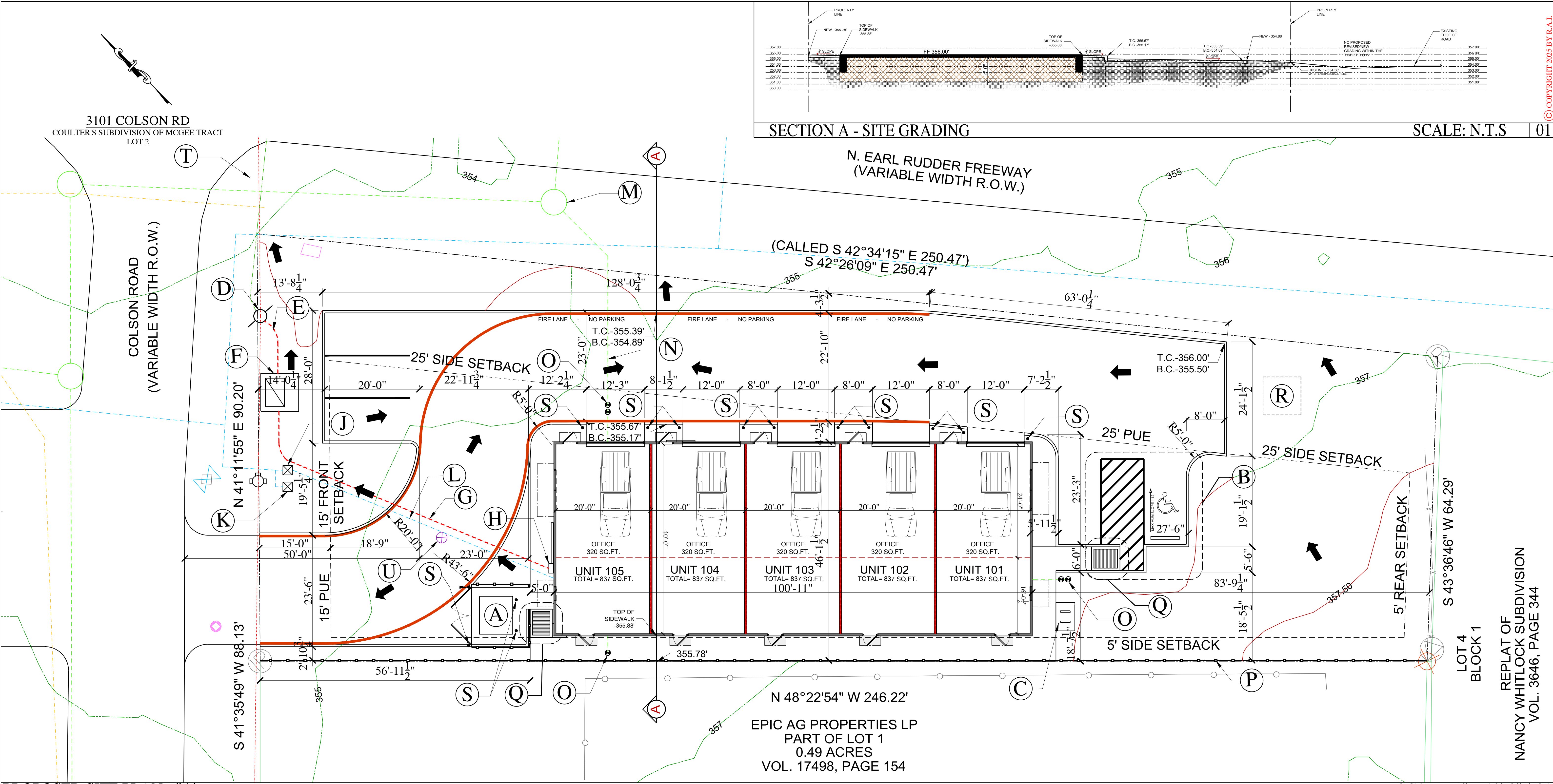
3101 COLSON ROAD
BRYAN, TX
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JTR - INITIAL EXAM OUT	02-11-25
JTR - SD-2	02-19-25
JTR - SD-2	04-15-25
PCT - FINISH OUT	08-11-25
PCT - FINISH OUT	08-12-25

S-0.2
OF:
EIGHT
DATE:
08-12-2025

2	
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PROPOSED SITE PLAN - "A"

SCALE: 1" = 10'-0" | 01

SITE NOTES	
1. THIS PROPERTY DOES NOT LIE WITH-IN A 100-YEAR FLOODPLAIN PER FEMA D-FIRM PANEL NO. 48041C0215F, DATED APRIL 2, 2014.	
2. FOR UTILITY NOTIFICATION CONTACT BTU - (979)821-5700 CITY OF BRYAN - (979) 209-5900	
3. OFF-SITE DRAINAGE SHALL BE CONTROLLED BY DRAINAGE SWALES AND BEING DETAINED IN THE DRIVE AISLES. BY DOING THIS THE NEIGHBORING PROPERTIES WILL NOT BE AFFECTED.	
4. WHERE ELECTRIC FACILITIES ARE INSTALLED, BTU HAS THE RIGHT TO INSTALL, OPERATE, RELOCATE, CONSTRUCT, RECONSTRUCT, ADD TO, MAINTAIN, INSPECT, PATROL, ENLARGE, REPAIR, REMOVE AND REPLACE SAID FACILITIES UPON, OVER, UNDER AND ACROSS THE PROPERTY INCLUDED IN THE PUE, AND THE RIGHT OF INGRESS AND EGRESS ON PROPERTY ADJACENT TO THE PUE TO ACCESS ELECTRIC FACILITIES.	
5. PLEASE HAVE CONTRACTOR CONTACT BTU LINE DESIGN AT 821-5770 120 DAYS BEFORE POWER IS NEEDED TO BEGIN THE PROCESS OF OBTAINING POWER TO THE SITE. PLEASE PROVIDE A DETAILED LOAD ANALYSIS, AS WELL AS THE SERVICE REQUIREMENTS (VOLTAGE, AMPS, SINGLE PHASE VS THREE PHASE) AT THIS TIME.	
6. THIS PROPERTY IS ZONED FOR COMMERCIAL DISTRICT (C-3).	
7. ALL SETBACKS WILL BE CONSISTENT WITH THE LOT DEVELOPMENT STANDARDS FOUND IN LAND AND SITE DEVELOPMENT ORDINANCE SECTION 62-593.	
8. NO MECHANICAL EQUIPMENT SHALL BE VISIBLE FROM THE PUBLIC RIGHT-OF-WAY.	
9. NOT HAVING ANY NEW PLUMBING FIXTURES THAT WILL MAKE THE NEED FOR A NEW GREASE TRAP TO BE ADDED.	
10. THE SUBJECT PROPERTY WAS REZONED ON MAY 2, 2023 VIA ORDINANCE 2622.	
11. SIGNAGE TO BE INCLUDED WITH SEPARATE PERMIT.	
12. ALL MECHANICAL EQUIPMENT TO BE MOUNTED ON ROOFTOP.	

NOTES

SITE LEGEND			
	PROPERTY LINES		EXISTING CONTOUR LINES
	SET BACK / P.U.E. LINES		PROPOSED CONTOUR LINES
	WATER LINES		STORM SEWER LINES
	SEWER/SAN LINES		UTILITY LINES
	POWER LINES (AERIAL)		GAS LINES
	POWER LINES (UNDER GROUND)		VEHICLE LAY OF HOSE (V.L.O.H.)
	FENCE LINE		CONCRETE PAVEMENT
	TREE PROTECTION		GROUND COVER
	6'-0" TALL PRIVACY FENCE		GRAVEL
	FIRE HYDRANT (EXISTING)		

SITE SCHEDULE	
TAG	ITEM
Ⓐ	SOLID WASTE - CONTAINER - 12'x12' PAD w/ SCREENING ON SIDES.
Ⓑ	HANDICAP PARKING - SHEET G-1.1.
Ⓒ	BIKE RACK 4'-0"x6'-0" PAD - SHEET S-2.0
Ⓓ	ELECT. - POWER POLE w/ NEW UNDERGROUND CONNECTIONS
Ⓔ	ELECT. - PRIMARY ELECT. SERVICE: 2'-4" PVC CONDUIT (GREY) w/ PULL-STRING (MIN. 48" COVER)
Ⓕ	ELECT. - TRANSFORMER & PAD (FURNISHED BY CoBRYAN)
Ⓖ	ELECT. - SECONDARY SERVICE: 3'-4" PVC CONDUIT (GREY) w/ PULL-STRING (MIN. 36" COVER)
Ⓖ	ELECT. - METER BOX
Ⓖ	WATER - EXISTING (1)1" DOMESTIC WATER METER w/ (1) DOUBLE CHECK VALVE
Ⓖ	WATER - (1)1" IRRIGATION WATER METER w/ (1) DOUBLE CHECK VALVE
Ⓖ	WATER - NEW 1" (TYPE K) WATER SERVICE (24" MIN. COVER)
Ⓖ	SEWER - EXISTING SEWER MAN-HOLE
Ⓖ	SEWER - NEW 4" SANITARY SEWER LINE
Ⓖ	SEWER - CLEAN-OUT (TYPICAL)
Ⓖ	NEW 6'-0" TALL OPAQUE SCREENING
Ⓖ	HANDICAP RAMP - SHEET G-1.0
Ⓖ	CONCRETE WASH-OUT AREA
Ⓖ	PIPE BOLLARD
Ⓖ	EXISTING CALVERT
Ⓖ	REMOVE AND CAP EXISTING GAS LINE

NOTE: ALL SITE DETAILS TO MEET B/C'S U.D.O. REQUIREMENTS.
ALL SELECTIONS TO BE MADE BY OWNER BEFORE

PARKING RATIO CALCULATIONS	
GROSS AREA = 4,135 SQ.FT.	
(office)	1.00 X PER 300 SQ.FT.
SPACES REQUIRED	
(warehouse)	1.00 X PER 2,000(max) SQ.FT.
SPACES REQUIRED	
Office: $\frac{3000}{1000} = 5.3$	
Warehouse: $\frac{7000}{1000} = 2.5$	
5.3+2.5=7.8	
(8) SPACES REQUIRED	
(10) SPACES PROVIDED	

IMPERVIOUS COVER CALCULATIONS	
TOTAL SITE SQ.FT. = 19,079	
TOTAL IMPERVIOUS MATERIAL = 8,580 SQ. FT.	
TOTAL BUILDING SLAB SQ.FT. = 4,135 SQ.FT.	
45% TOTAL IMPERVIOUS COVER	

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JTR- INITIAL LAYOUT

JTR- SD-2

JTR- SD-2

PCT - FINISH OUT

PCT - FINISH OUT

SHEET

02-11-25

02-19-25

04-15-25

08-11-25

08-12-25

DATE

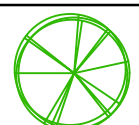
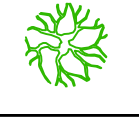
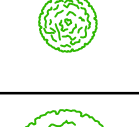

08-12-2025

PRELIMINARY NOT FOR CONSTRUCTION



LANDSCAPING PLAN

SCALE: 1" = 10'-0" | 01

LANDSCAPING SCHEDULE								
SYMBOL	NO. OF PLANTS	SIZE	BOTANICAL NAME	COMMON NAME	TYPE	NOTES	POINTS EACH	TOTAL POINTS
	13	8"or HIGHER CALIPER	QUERCUS VIGINIANA	LIVE OAK	EXISTING CANOPY TREE	BARRICADE PROTECTION	200	2600
	2	2"TO 4" CALIPER	QUERCUS VIGINIANA	CRAPE MYRTLE	NEW NON-CANOPY TREE	BARRICADE PROTECTION	150	300
	14	2-15 Gal	RHAPHIOLEPIS INDICA	INDIAN HAWTHORN	NEW SHRUB	SCREENING	10	140
	6	2-15 Gal	MISCANTHUS SINENSIS	MAIDEN GRASS	NEW SHRUB	5 GALLON	10	60
TOTAL								3,100

LANDSCAPING REQUIREMENTS
TOTAL SQUARE FEET OF THE SITE = 19,079 19,079 x 15%= 2,862
THERE ARE A TOTAL OF 2,862 LANDSCAPING POINT REQUIRED FOR THIS PROJECT.
TOTAL PROVIDED 3,100.
THE TOTAL LANDSCAPING REQUIREMENTS AMOUNT OF 15% MEETS THE MINIMUM 15% REQUIRED.

EXISTING IRRIGATION SYSTEM WILL BE EXPANDED TO
INCLUDE ALL NEW PLANTINGS.

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SHEET
S-3.0
OF
EIGHT
DATE
08-12-2025

THE FOLLOWING SECTION OF DETAILS PROVIDES INFORMATION ON REQUIREMENTS FOR DISABLED ACCESSIBILITY. THE REQUIREMENTS COMBINE MINIMUM REQUIREMENTS OF STATE AND FEDERAL AGENCIES. THE PURPOSE OF THIS SECTION IS TO HELP AVOID INSTALLATION OF MATERIALS ON CONSTRUCTION PROJECTS THAT WOULD LIMIT ACCESSIBILITY. THE SCOPE OF THIS SECTION IS LIMITED TO THE INDIVIDUALS WORKING ON THE PROJECT. IT SHOULD FAMILIARIZE THEMSELVES WITH TEXAS ACCESSIBILITY STANDARD (TAS) AND AMERICAN WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES (ADAAG) FOR ADDITIONAL INFORMATION AND REQUIREMENTS. COPIES OF THESE DOCUMENTS MAY BE OBTAINED BY CONTACTING THE FOLLOWING:

TAS TEXAS DEPT. OF LICENSING & REGULATION SOUTHWEST DISABILITY AND BUSINESS P.O. BOX 12157 TECHNICAL ASSISTANCE CENTER FOR REGION VI AUSTIN, TEXAS 78711 (800) 893-8002 (800) 755-2989 www.commerce.state.tx.us ADAAG TEXAS DEPT. OF LICENSING & REGULATION SOUTHWEST DISABILITY AND BUSINESS P.O. BOX 12157 TECHNICAL ASSISTANCE CENTER FOR REGION VI AUSTIN, TEXAS 78711 (800) 893-8002 (800) 755-2989 www.commerce.state.tx.us

IN THE EVENT THE INFORMATION ON THE PLAN SHEETS DOES NOT MEET THE MINIMUM REQUIREMENTS OF THE SECTION, THEN THE INFORMATION SHALL BE PRESENTED TO THE ARCHITECT FOR CLARIFICATION PRIOR TO CONSTRUCTION OF SPECIFIC AREA OF WORK. In accordance with accessibility requirements, the following standards shall be included when bidding on projects involving renovation of or new facilities for public accommodation or commercial facilities. Any items not conforming to these or any other standards, codes, or ordinances shall be brought to the attention of the project architect for his interpretation. In the event the information listed in this document conflicts with any portion of the work described in the Contract Documents, the contractor shall notify the architect, in writing, of his need for a solution to resolve the conflict. The mounting heights indicated are for items that require accessibility by disabled individuals. Where two or more items are grouped in one area (mirrors, sinks, telephones, drinking fountains, urinals, shelves, telephones, etc.) not all items in the area have to be mounted at handrail height. Contractor to coordinate these installation heights with other materials for neat, trimmed out and finished appearance. Items for disabled individual use shall be mounted at height indicated for age level to be reached.

CHAPTER 1: APPLICATION AND ADMINISTRATION TAS SECTION 104 - CONVENTIONS A. All dimensions are subject to conventional industry tolerances except where the requirement is stated as a range with specific minimum and maximum points. B. Unless specifically stated otherwise, figures are provided for informational purposes only.

CHAPTER 2: SCOPING REQUIREMENTS TAS SECTION 201 - SCOPE A. All areas of newly designed and newly constructed buildings and facilities are altered portions of existing buildings and facilities shall comply with these requirements. TAS SECTION 202 - EXISTING BUILDINGS AND FACILITIES A. Each addition to an existing building or facility shall comply with the requirements for new construction. Each addition that affects or could affect the usability of or access to an area containing a primary function shall comply with 202.4. B. Where existing elements, spaces, or common use areas are altered, each altered element, space, or common use area shall comply with the applicable requirements of Chapter 2. C. An alteration that decreases the accessibility of a building or portion of a building requires for new construction at the time of the alteration is prohibited. D. An alteration of an existing element, space, or area of a building or facility shall not impose a requirement for accessibility greater than required for new construction. E. Alterations that affect the usability or access to an area containing a primary function shall be made so as to ensure usage by individuals with disabilities.

TAS SECTION 204 - PROTRUDING OBJECTS A. Within areas of accessible elements, accessible routes, and in accessible room and spaces shall comply with 303. B. Within areas of sports activity, protruding objects on circulation paths shall not be required to comply with 303. C. Within play areas, protruding objects on circulation paths shall not be required to comply with 303 provided that ground level accessible routes provide vertical clearance in compliance with 1008.2. TAS SECTION 205 - OPERABLE PARTS A. Operable parts on accessible elements, accessible routes, and in accessible rooms and spaces shall comply with 303. B. Operable parts intended for use only by service or maintenance personnel shall not be required to comply with 303. C. Electrical or communication receptacles serving a dedicated use shall not be required to comply with 303.

TAS SECTION 205 - ACCESSIBLE ROUTES A. At least one accessible route shall be provided within the site from accessible parking spaces and accessible passenger loading zones, public streets and sidewalks, and public transportation stops to accessible building or facility entrance they serve. B. At least one accessible route shall connect accessible buildings, accessible facilities, accessible elements, and accessible spaces that are on the same site. C. At least one accessible route shall connect each story and mezzanine in multi-story buildings and facilities. D. In restaurants and cafeterias, an accessible route shall be provided to all dining areas, including seated or seated dining areas, and outdoor dining areas. E. Where a circulation path directly connects a performance area to an assembly area, an accessible route shall directly connect the assembly seating areas with the performance area. An accessible route shall be provided from performance areas to ancillary areas or facilities used by performers. TAS SECTION 207 - ACCESSIBLE MEANS OF EGRESS A. Means of egress shall comply with section 1003.2.13.6 of the International Building Code (2000 edition and 2001 Supplement) or section 1007 of the International Building Code (2000 edition). B. Standby power shall be provided for platform lifts permitted by section 1003.2.13.4 of the International Building Code (2000 edition and 2001 Supplement) or section 1007.3 of the International Building Code (2000 edition) to serve as a part of an accessible means of egress. TAS SECTION 208 - PARKING SPACES A. Parking Spaces shall comply with 502 and shall be provided in accordance with Table 208.2 except required by 208.2.1, 208.2.2, and 208.2.3. Where more than one parking facility is provided on a site, the number of accessible spaces provided on the site shall be calculated according to the number of spaces required for each parking facility.

TOTAL PARKING IN LOT	REQUIRED MIN. NUMBER OF ACCESSIBLE SPACES	TOTAL PARKING IN LOT	REQUIRED MIN. NUMBER OF ACCESSIBLE SPACES
1 TO 25	1	201 TO 300	7
26 TO 50	2	301 TO 400	8
51 TO 75	3	401 TO 500	9
76 TO 100	4	501 TO 1,000	2 PERCENT OF TOTAL
101 TO 150	5	1,000 AND OVER	30 PLACES FOR EACH 100 OR FRACTION THEREOF, OVER 1,000
151 TO 200	6		

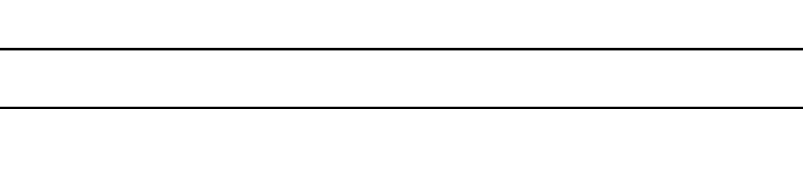
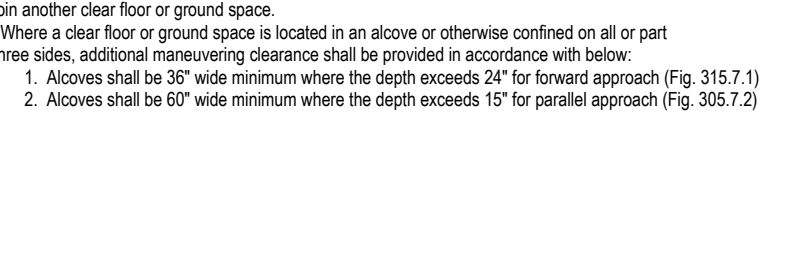
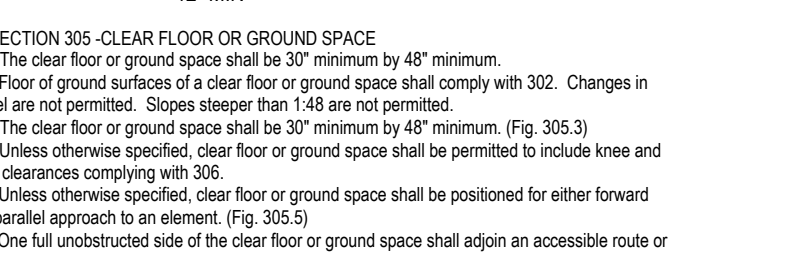
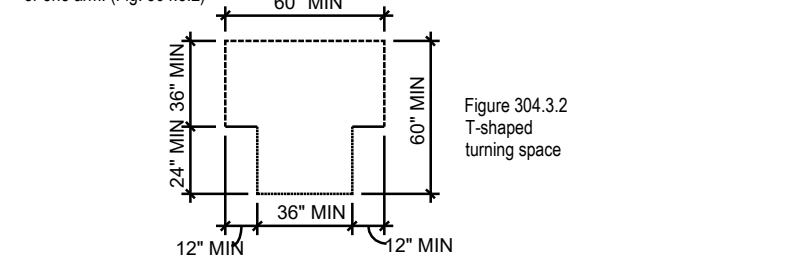
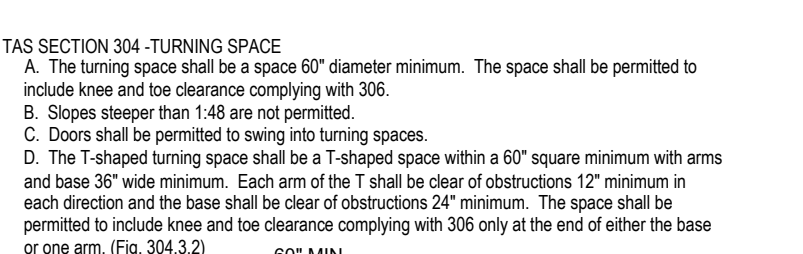
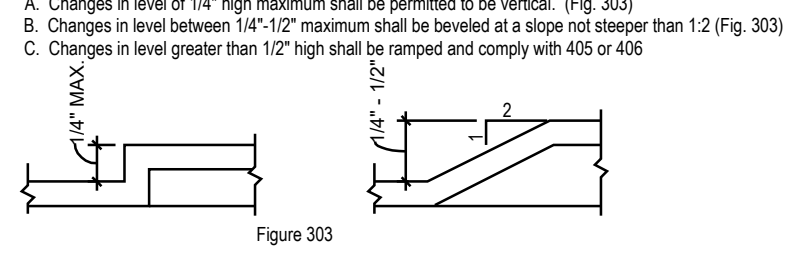
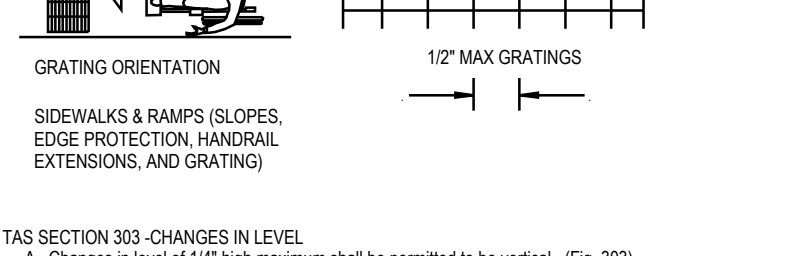
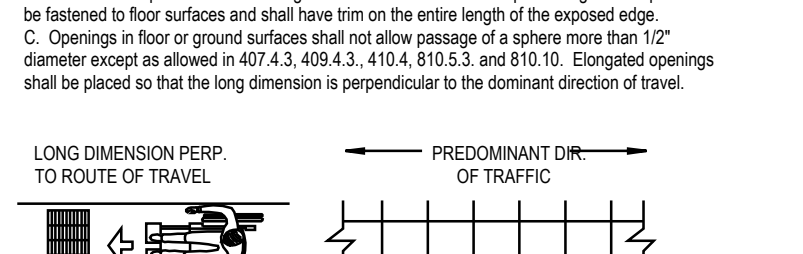
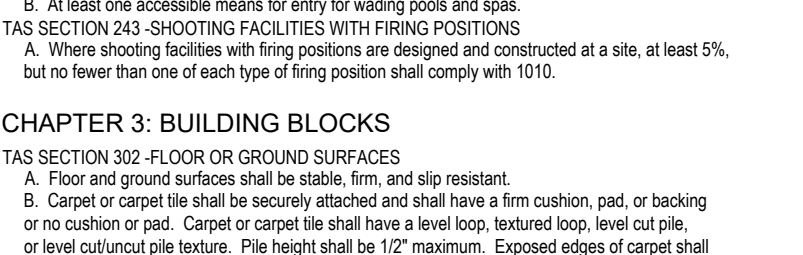
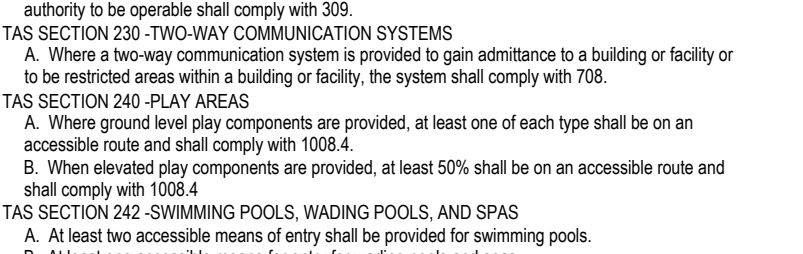
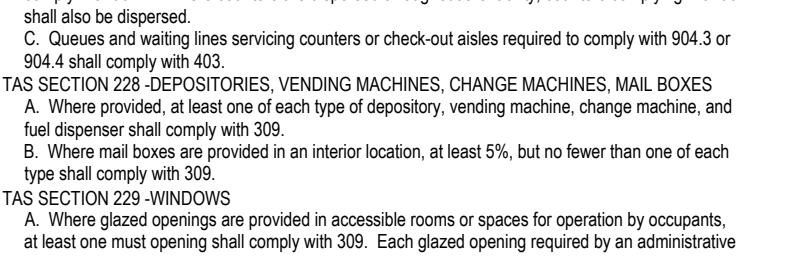
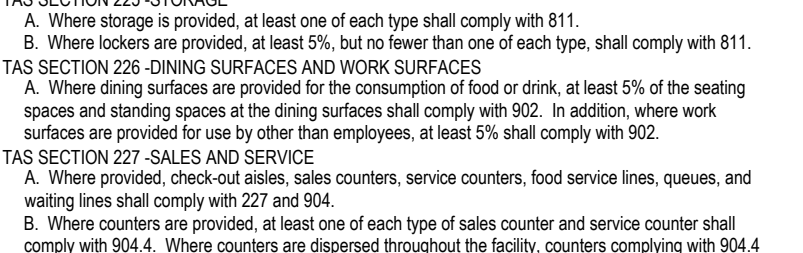
Table 208.2 PARKING SPACES TAS SECTION 208.2.4 - VAN PARKING SPACES A. For every six or fraction of six parking spaces required by 208.2 to comply with 502, at least one shall be a van parking space complying with 502. TAS SECTION 208.3 - LOCATION A. Parking Spaces shall comply with 502 that serve a particular building or facility shall be located at the shortest possible accessible route from parking lot to an entrance. Where parking serves more than one accessible entrance, parking spaces complying with 502 shall be dispersed and located at the shortest accessible route to the accessible entrances. TAS SECTION 209 - PASSENGER LOADING ZONES AND BUS STOPS A. Passenger loading zones, except those required to comply with 209.2.2 and 209.2.3, shall be provided at least one passenger loading zone complying with 503 in every continuous 100 linear feet (30m) of loading zone space, or fraction thereof. B. In bus loading zones restricted to use by designated or specified public transportation vehicles, each bus bay, bus stop, or other area designated for lift or ramp deployment shall comply with 810.2. TAS SECTION 210 - STAIRWAYS A. Interior and exterior stairs that are part of a means of egress shall comply with 504. Although handrails on stairs that are not part of a means of egress, State or local building codes may require handrails or guards. TAS SECTION 211 - DRINKING FOUNTAINS A. No fewer than two drinking fountains shall be provided. B. More than the minimum number of drinking fountains specified in 211.2 are provided. 50 percent of the total number of drinking fountains provided shall comply with 602.1 through 602.6, and 50 percent of the total number of drinking fountains provided shall comply with 602.7. TAS SECTION 212 - KITCHENS, KITCHENETTES, AND SINKS A. Kitchens and kitchenettes shall comply with 604. B. Where sinks are provided, at least 5 percent, but no fewer than one, of each type provided in each accessible room or space shall comply with 606. TAS SECTION 213 - TOILET FACILITIES AND BATHING FACILITIES A. Where toilet facilities and bathing facilities are provided, they shall comply with 213. Toilet facilities and bathing facilities shall be provided on a story connected by an accessible route to an accessible entrance. B. Toilet restrooms and bathing rooms shall comply with 603. C. Where multiple single user toilet rooms are clustered at a single location, no more than 50% of the single user toilet rooms for each use at each cluster shall be required to comply with 603. D. Unisex toilet rooms and unisex bathing rooms shall contain not more than one lavatory, and two water closets without urinals or one water closet and one unisex. Unisex bathing rooms contain one room or one shower and one bathtub, one lavatory, and one water closet. Doors to unisex restrooms and bathing rooms shall have panic latches. TAS SECTION 214 - WASHING MACHINES AND CLOTHES DRYERS A. Where three or fewer washing machines are provided, at least one shall comply with 611. B. Where more than three washing machines are provided, at least two shall comply with 611. C. Where three or fewer clothes dryers are provided, at least one shall comply with 611. D. Where more than three clothes dryers are provided, at least two shall comply with 611. TAS SECTION 215 - FIRE ALARM SYSTEMS A. Alarms in public use areas and common use areas shall comply with 702. B. Where employee work areas have audible alarm coverage, the wiring system shall be designed so that the visible alarms complying with 702 can be integrated into the alarm system. TAS SECTION 216 - SIGNS A. Signs shall comply with 703. Building directories, menus, seat and row designations in assembly areas, occupant names, building addresses, and company names and logos shall not be required to comply with 716. B. Signs required by section 1003.2.13.5.4 of the International Building Code (2000 edition) or section 1007.6.4 of the International Building Code (2003 edition) to provide instructions in areas of refuge shall comply with 703.3. C. Directional signs required by section 1003.2.13.6 of the International Building Code (2000 edition) or section 707.7 of the International Building Code (2003 edition) to provide directions to accessible means of egress shall comply with 703.5. D. Where all entrances comply with 404, entrances complying with 404 shall be identified by the International Symbol of Accessibility complying with 703.7.2.1. Directional signs complying with 703.5 that indicate the location of the nearest entrance complying with 404 shall be provided at entrances that do not comply with 404. TAS SECTION 217 - TELEPHONES A. Where public telephones are provided, wheelchair accessible telephones complying with 704.2 shall be provided.

CHAPTER 3: BUILDING BLOCKS (CONTINUED) TAS SECTION 219 - ASSISTIVE LISTENING SYSTEMS A. In each assembly area where audible communication is integral to the use of the space, an assistive listening system shall be provided. B. Where all seats in an assembly area are served by an introduction loop assistive listening system, the minimum number of receivers required by table 219.1 to be hearing-aid compatible shall not be required to be provided. TAS SECTION 220 - AUTOMATIC TELLER MACHINES AND FARE MACHINES A. Where automatic teller machines or self-service fare vending, collection, or adjustment machines are provided, at least one of each type provided at each location shall comply with 707. Where bins are provided for envelopes, waste paper, or other purposes, at least one of each shall comply with 811. TAS SECTION 221 - ASSEMBLY AREAS A. Assembly areas shall provide wheelchair spaces, companion seats, and designated aisle seats complying with 221 and 802. B. Wheelchair spaces complying with 802.1 shall be provided in accordance with table 221.2.1. C. Wheelchair spaces shall be an integral part of the seating plan. D. Wheelchair spaces shall provide lines of sight complying with 802.2. In providing lines of sight, wheelchair spaces shall be dispersed. Wheelchair spaces shall provide spectators with choices of seating locations or viewing angles equal to or better than seating locations and viewing angles of other spectators. E. At least 5% of the total number of aisle seats provided shall comply with 802.4 and shall be the aisle seats located closest to the accessible routes. Table 221.2.1 Number of Wheelchair Spaces in Assembly Areas

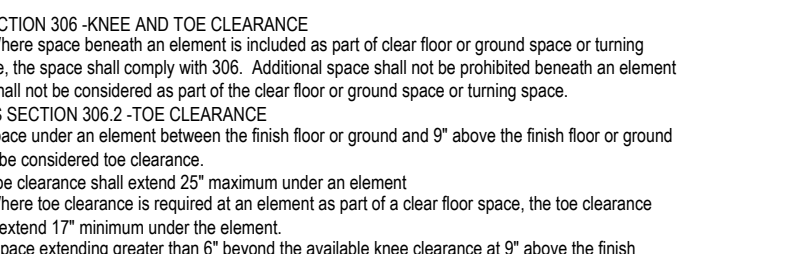
NUMBER OF SEATS	REQUIRED MIN. NUMBER OF WHEELCHAIR SPACES	NUMBER OF SEATS	REQUIRED MIN. NUMBER OF WHEELCHAIR SPACES
4 TO 25	1	301 TO 500	6
26 TO 50	2	501 TO 5000	6, plus 1 for each 150, or fraction thereof, over 500
51 TO 150	4	5001 AND OVER	36, plus 1 for each 200, or fraction thereof, over 5000
151 TO 300	5		

TAS SECTION 222 - DRESSING, FITTING, AND LOCKER ROOMS A. Where dressing rooms, fitting rooms, or locker rooms are provided, at least 5%, but no fewer than one, of each type of use in each cluster provided shall comply with 803. B. Where coat hooks or shelves are provided in dressing fitting or locker rooms, wheelchair accessible compartments, at least one of each type shall comply with 803.5. Where coat hooks or shelves are provided in individual compartments at least one of each type shall be provided in accordance with 223. TAS SECTION 223 - MEDICAL, CARE AND LONG-TERM CARE FACILITIES A. In licensed medical care facilities and licensed long-term care facilities where the period of stay exceeds twenty-four hours, patient or resident sleeping rooms shall be provided in accordance with 223. Toilet room part of critical or intensive care patient sleeping rooms shall not be required to comply with 603. TAS SECTION 224 - TRANSIENT LODGING FACILITIES AND GUEST ROOMS A. Transient lodging facilities shall provide guest rooms in accordance with 224. Places of lodging and housing at a place of education shall comply with the provisions applicable to transient lodging. B. Where guest rooms are provided in transient lodging facilities, guest rooms shall be provided in accordance with 224.2. C. Entrances, doors, and doorways providing user passage into and within the guest rooms that are not required to provide mobility features complying with 806.2 shall comply with 404.2.3. D. Between 8'2"7" above the finish floor or ground, the knee clearance shall be permitted to reduce at a rate of 1" in depth for each 6" in height. E. A guest room having more than 25 beds, 5% minimum of the beds shall have clear floor space complying with 806.2.3. TAS SECTION 225 - STORAGE A. Where storage is provided, at least one of each type shall comply with 811. B. Where lockers are provided, at least 5%, but no fewer than one of each type, shall comply with 811. TAS SECTION 226 - DINING SURFACES AND WORK SURFACES A. Where dining surfaces are provided for the consumption of food or drink, at least 5% of the seating spaces and standing spaces at the dining surfaces shall comply with 802. In addition, where work surfaces are provided for use by other than employees, at least 5% shall comply with 802. TAS SECTION 227 - SALES AND SERVICE A. Where provided, check-out desks, sales counters, service counters, food service lines, queues, and waiting lines shall comply with 227 and 604. B. Where counters are provided, at least one of each type of sales counter and service counter shall comply with 904.4. Where counters are dispersed throughout the facility, counters complying with 904.4 shall also be dispersed. C. Queues and waiting lines serving counters or check-out desks required to comply with 904.4 or 904.4 shall comply with 403. TAS SECTION 228 - DEPOSITORIES, VENDING MACHINES, CHANGE MACHINES, MAIL BOXES A. Where provided, at least one of each type of depository, vending machine, change machine, and mail dispenser shall comply with 303. B. Where mail boxes are provided in an interior location, at least 5%, but no fewer than one of each type shall comply with 303. TAS SECTION 229 - WINDOWS A. Where glazed openings are provided in accessible rooms or spaces for operation by occupants, at least one must opening shall comply with 303. Each glazed opening required by an administrative authority to be operable shall comply with 303. TAS SECTION 230 - TWO-WAY COMMUNICATION SYSTEMS A. Where a two-way communication system is provided to gain admittance to a building or facility or to be restricted areas within a building or facility, the system shall comply with 708. TAS SECTION 240 - PLAY AREAS A. Where ground-level play components are provided, at least one of each type shall be on an accessible route and shall comply with 1008.4. B. Where elevated play components are provided, at least 50% shall be on an accessible route and shall comply with 1008.4. TAS SECTION 242 - SWIMMING POOLS, WADING POOLS, AND SPAS A. At least two accessible means of entry shall be provided for swimming pools. B. At least one accessible means for entry for wading pools and spas. TAS SECTION 243 - SHOOTING FACILITIES WITH FIRING POSITIONS A. Where shooting facilities with firing positions are designed and constructed at a site, at least 5%, but no fewer than one of each type of firing position shall comply with 1010.

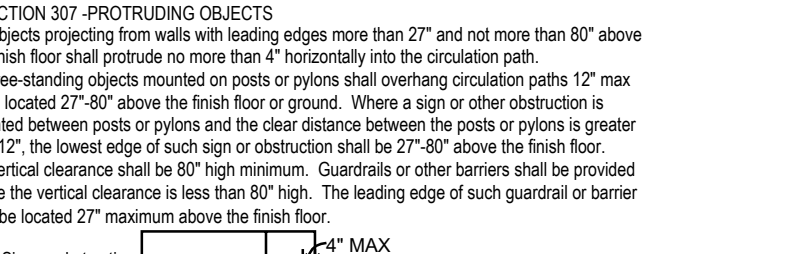
CHAPTER 3: BUILDING BLOCKS TAS SECTION 302 - FLOOR OR GROUND SURFACES A. Floor and ground surfaces shall be stable, firm, and slip resistant. B. Carpet or carpet tile shall be securely attached and shall have a firm cushion, pad, or backing on or under the carpet. Carpet or carpet tile shall have a level loop, textured loop, level cut pile, or level cut/loop pile texture. The height shall be 1/2" maximum. Exposed edges of carpet shall be fastened to floor surfaces and shall have firm on the entire length of the exposed edge. C. Openings in floor or ground surfaces shall not allow passage of a sphere more than 1/2" diameter except as allowed in 407.4.3, 407.4.4, 407.4.5, and 910.10. C. Openings in floor or ground surfaces shall be placed so that the long dimension is perpendicular to the dominant direction of travel. Figure 302.1 Unobstructed forward/side reach



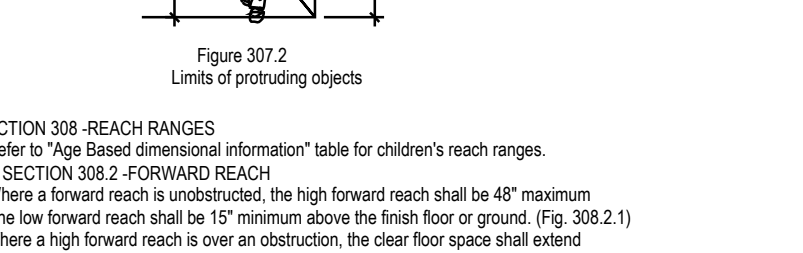
CHAPTER 4: ACCESSIBLE ROUTES TAS SECTION 402 - ACCESSIBLE ROUTES A. Accessible routes shall consist of one or more of the following components: walking surfaces with a running slope not steeper than 1:20, doorways, ramps, curb ramps including the flared sides, elevators, and platform lifts. TAS SECTION 403 - WALKING SURFACES A. All surfaces shall comply with 302. Changes in level shall comply with 303. B. The running slope shall not be steeper than 1:20. The cross slope of the walking surfaces shall not be steeper than 1:48. C. The clear width of walking surfaces shall be 36" minimum. 1. The clear width shall be permitted to be reduced to 32" minimum for a length of 24" maximum provided that reduced width segments are separated by segments that are 48" long minimum and 36" wide minimum. D. Where the accessible route makes a 180° turn around an element less than 48" wide, the clear width shall be 42" minimum approaching the turn, 48" minimum at the turn and 42" minimum leaving the turn. E. Where the accessible route makes a 180° turn around an element less than 48" wide and the clear width at the end of the turn is 60" minimum, the clear width may be 36" approaching and leaving the turn. F. An accessible route with a clear width less than 60" shall provide passing spaces at intervals of 200' maximum. Passing spaces shall either be 60"80" or comply with 304.3.2 where the base and arms of the T-shaped space extend 48" minimum beyond the intersection. TAS SECTION 404 - DOORS, DOORWAYS, AND GATES A. Doorways shall provide a clear opening of 32" minimum, with the door open 90°. (Fig. 404.2.3) 1. Clear opening shall be measured between the face of the door and opposite stop. 2. Openings more than 34" in depth shall provide a clear opening of 30" minimum. 3. There shall be no projections into the required clear opening with lower than 34" above the finish floor or ground. Projections into the clear opening with between 34"-80" AFF shall not exceed 4". Figure 404.2.3 Clear width at doorways



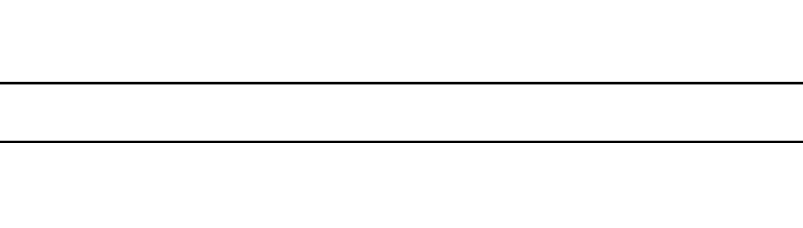
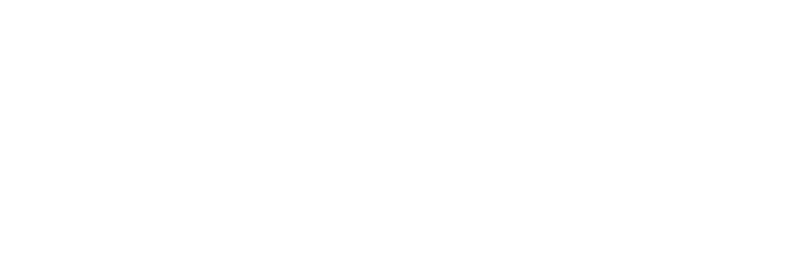
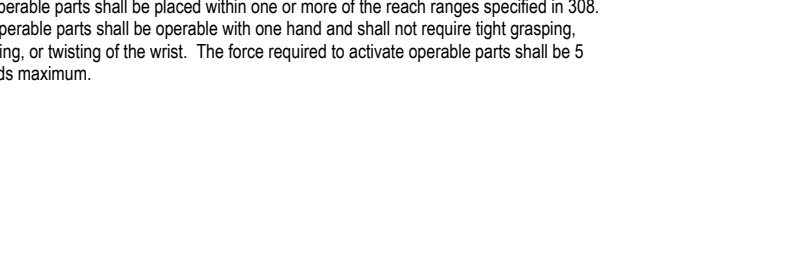
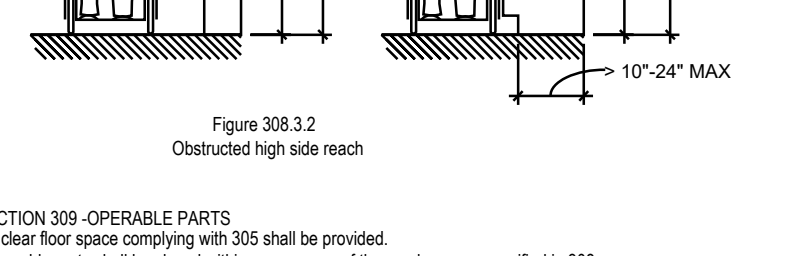
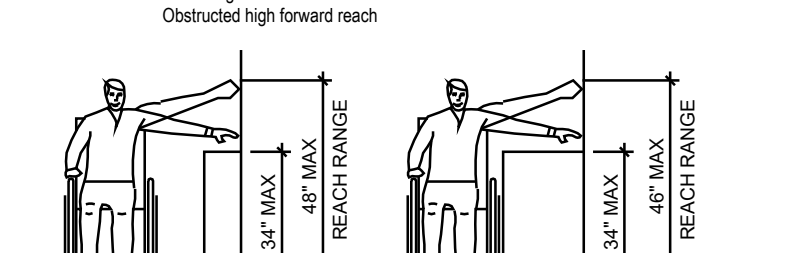
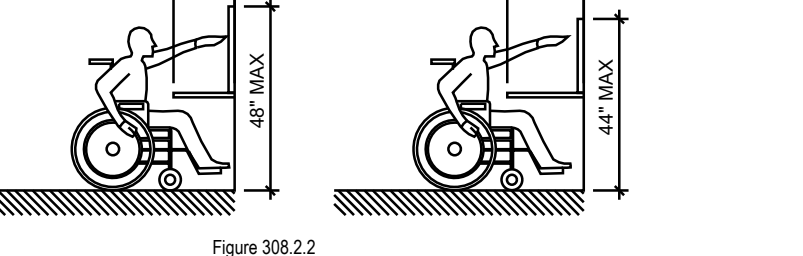
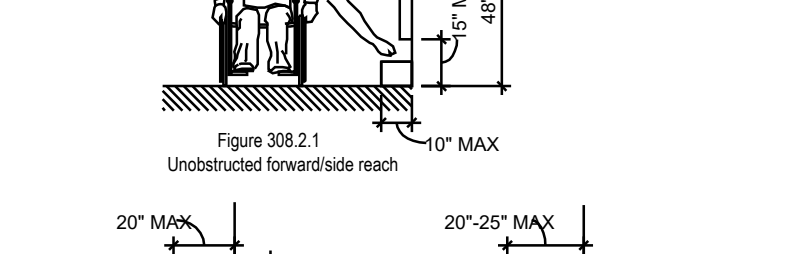
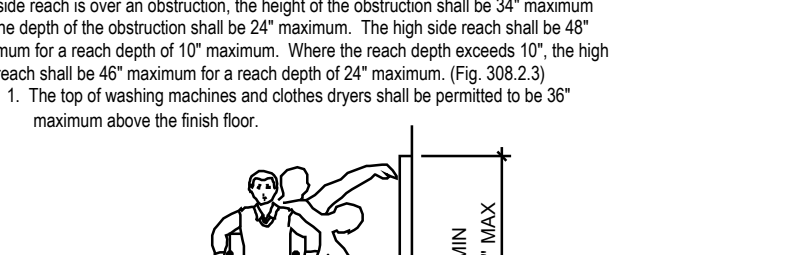
TAS SECTION 404.2 - MANEUVERING CLEARANCES AT DOORS A. Front approach push side 48" min. width & 6" beside strike edge. (Fig. 404.2.4.1 (a)) B. Hinge side approach push side 48" min. width, 36" min. beside strike edge, or 54" min. width, 42" min. beside strike edge. Hinge side approach push side 48" min. width and 22" min. beside hinge edge (48" min. width if door has both a closer and a latch). (Fig. 404.2.4.1 (b)) C. Latch side approach push side 48" min. width and 24" min. beside strike edge (54" min. width if door has a closer). Latch side push side 48" min. width and 24" min. beside strike edge (48" min. width if door has a closer). (Fig. 404.2.4.1 (c)) TAS SECTION 404.2.5 - THRESHOLDS AT DOORWAYS A. Maximum threshold height: 1/2", shall comply with 302 and 303. Figure 404.2.5 Threshold at doorway



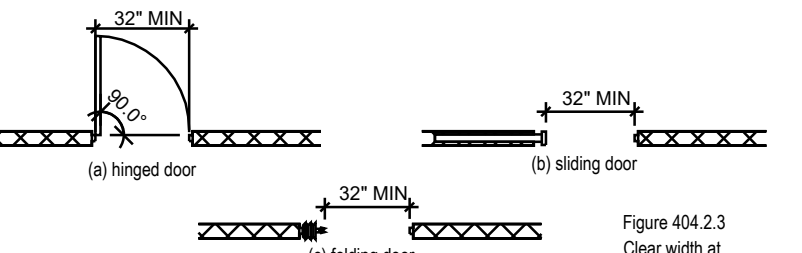
TAS SECTION 405 - CURB RAMPS A. Curb ramps shall comply with 405.2-405.5, 405.10. B. Maximum slopes of adjoining grades, road surface immediately adjacent to the curb ramp, or accessible route shall not exceed 1:20. TAS SECTION 406.4 - LANDINGS A. Landings shall be provided at the tops of curb ramps. The landing clear length shall be 36" minimum. The landing clear width shall be at least as wide as the curb ramp, excluding flared sides, leading to the landing. (Fig. 406.4) TAS SECTION 406.5 - LOCATION A. Curb ramps and the flared sides of curb ramps shall be located so that they do not project into vehicular travel lanes, parking spaces, or parking access aisles. Curb ramps at marked crossings shall be fully contained within the markings, excluding any flared sides. Figure 406.4 Landings at the top of curb ramps



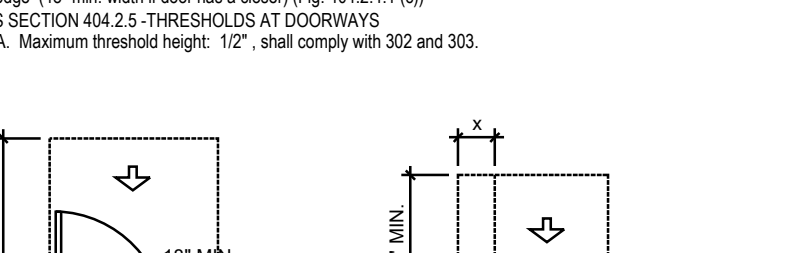
TAS SECTION 406.6 - DIAGONAL CURB RAMPS A. Diagonal curb ramps have reduced curbs or other well-defined edges, such edges shall be parallel to the direction of pedestrian flow. The bottom of diagonal curb ramps shall have 48" minimum clear space. If diagonal curb ramps are provided at marked crossings, the 48" clear space shall be within the markings. Diagonal curb ramps with flared sides shall have at least a 24" long segment of straight curb located on each side of the curb ramp and within the marked crossing. TAS SECTION 407.1 - ISLANDS A. Any raised islands in crossings shall be cut through level with the street or curb ramps at both sides and at least a 48" long by 36" wide minimum between the curb ramps in the part of the island intersected by the crossings. Each minimum 48" x 36" area shall be oriented so that the 48" minimum length is in the direction of the running slope of the curb ramp it serves. TAS SECTION 407 - ELEVATORS A. Elevators shall comply with ASME A17.1. They shall be passenger elevators as classified by ASME A17.1. Elevator operation shall be automatic. TAS SECTION 407.2 - ELEVATOR LANDING REQUIREMENTS A. Call buttons shall be raised or flush and located within one of the reach ranges specified in 305, measured to the centerline of the highest accessible point. 1. Call buttons shall be 34" minimum in the smallest dimension. 2. A clear floor space complying with 305 shall be provided at the controls. 3. The call button that designates the up direction shall be located above the call button that designates the down direction. 4. Call buttons shall have visible signals to indicate when each call is registered and when each call is answered. B. Keycards shall be in a standard telephone keypad arrangement. C. Visible and audible signals shall be provided at each doorway entrance to indicate which car is answering a call and the car's direction of travel. Where in-car signals are provided, they shall be visible from the floor area adjacent to the hall call button. D. Visible signal elements shall be 2 1/2" minimum measured along the vertical centerline of the element. Signals shall be visible from the floor area adjacent to the hall call button. 1. Audible signals shall sound once for the up direction and twice for the down direction, or shall have verbal announcements that indicate the direction of elevator car travel. Audible signals shall have a frequency of 1500Hz max. Verbal announcements shall have a frequency of 300 Hz min - 3000 Hz max. 2. Floor designation shall be provided at both jacks of elevator hoistways entrances. Floor designations shall be provided in both tactile characters and braille. Tactile characters shall be 2" high minimum. A tactile star shall be provided on both jacks at the main entry level. TAS SECTION 407.3 - ELEVATOR DOOR REQUIREMENTS A. Elevator doors shall be horizontal sliding type. Car gates are prohibited. B. Elevator doors shall be provided with a sensing device that shall stop and open a door and hoistway door automatically if the door becomes obstructed by an object or person. 1. The device shall be activated by registering an obstruction passing through the opening at 5" nominal and 25" nominal above the finish floor. 2. The device shall not require physical contact to be activated, although contact is permitted to occur before the door reverses. Door reopening devices shall remain effective for 20 seconds minimum. C. Elevator doors shall remain fully open in response to a car call for 3 seconds minimum. TAS SECTION 410 - PLATFORM LIFTS A. Platform lifts shall comply with ASME A18.1 (1999 edition or 2003 edition). Platform lifts shall not be attendant-operated and shall provide unassisted entry and exit from lift. B. The clearance between the platform and the edge of any runway landing shall be 1" maximum. C. Platform lifts shall have low-energy power-operated doors or gates complying with 404.3. Doors shall remain open for 30 seconds and gates shall provide a clear width of 32" minimum. Side doors and gates shall provide a clear 42" wide minimum. NOTE: REQUIRES A VARIANCE FROM THE I.D.L.R. TO USE IN LIEU OF AN ELEVATOR



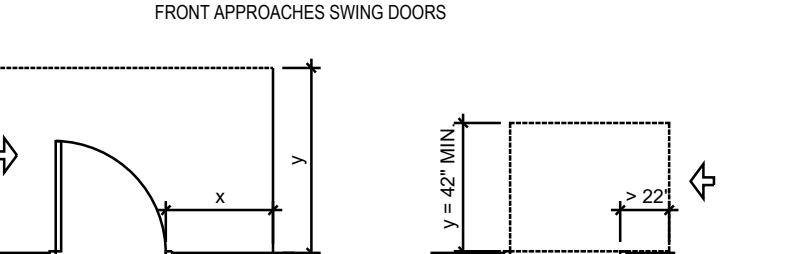
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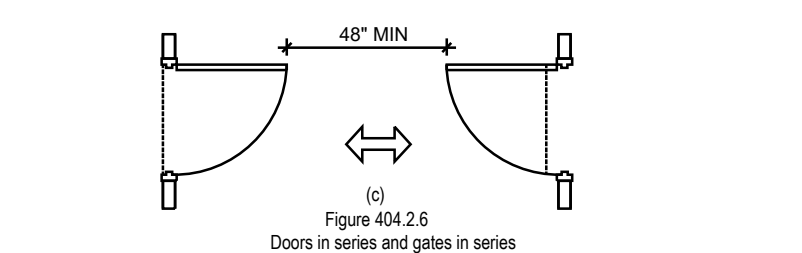
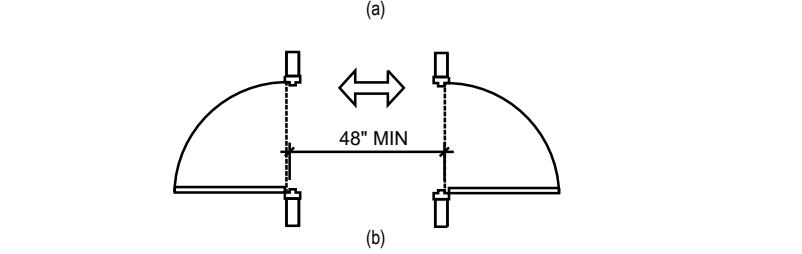
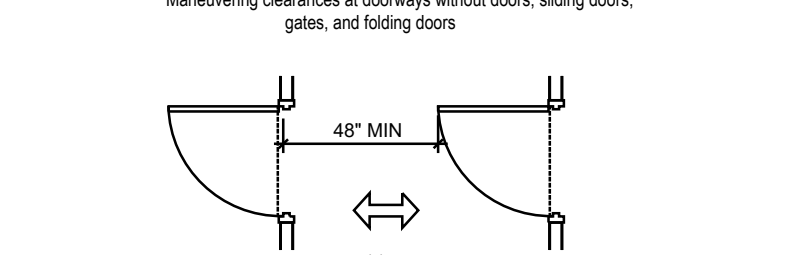
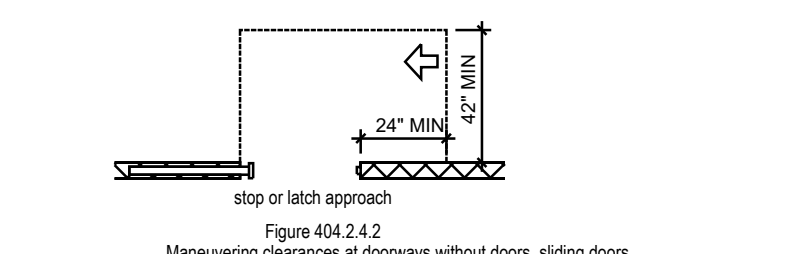
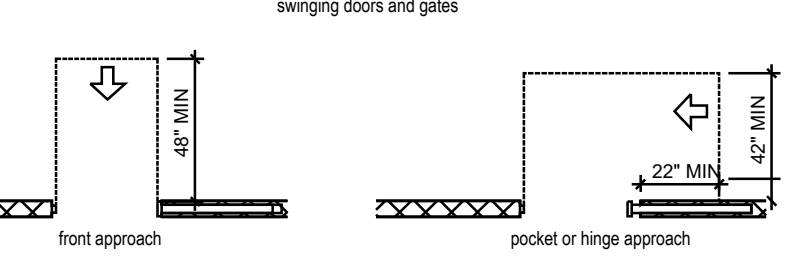
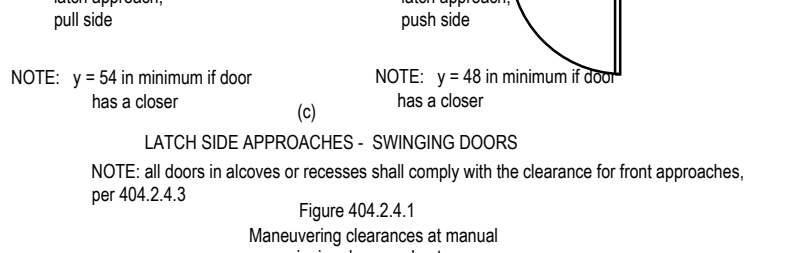
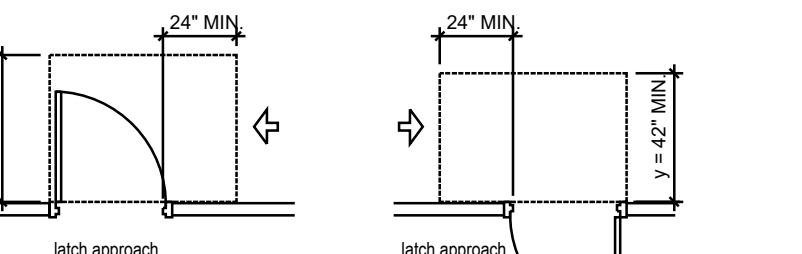
TAS SECTION 404.2 - MANEUVERING CLEARANCES AT DOORS A. Front approach push side 48" min. width & 6" beside strike edge. (Fig. 404.2.4.1 (a)) B. Hinge side approach push side 48" min. width, 36" min. beside strike edge, or 54" min. width, 42" min. beside strike edge. Hinge side approach push side 48" min. width and 22" min. beside hinge edge (48" min. width if door has both a closer and a latch). (Fig. 404.2.4.1 (b)) C. Latch side approach push side 48" min. width and 24" min. beside strike edge (54" min. width if door has a closer). Latch side push side 48" min. width and 24" min. beside strike edge (48" min. width if door has a closer). (Fig. 404.2.4.1 (c)) TAS SECTION 404.2.5 - THRESHOLDS AT DOORWAYS A. Maximum threshold height: 1/2", shall comply with 302 and 303. Figure 404.2.5 Threshold at doorway



TAS SECTION 405 - CURB RAMPS A. Curb ramps shall comply with 405.2-405.5, 405.10. B. Maximum slopes of adjoining grades, road surface immediately adjacent to the curb ramp, or accessible route shall not exceed 1:20. TAS SECTION 406.4 - LANDINGS A. Landings shall be provided at the tops of curb ramps. The landing clear length shall be 36" minimum. The landing clear width shall be at least as wide as the curb ramp, excluding flared sides, leading to the landing. (Fig. 406.4) TAS SECTION 406.5 - LOCATION A. Curb ramps and the flared sides of curb ramps shall be located so that they do not project into vehicular travel lanes, parking spaces, or parking access aisles. Curb ramps at marked crossings shall be fully contained within the markings, excluding any flared sides. Figure 406.4 Landings at the top of curb ramps



TAS SECTION 406.6 - DIAGONAL CURB RAMPS A. Diagonal curb ramps have reduced curbs or other well-defined edges, such edges shall be parallel to the direction of pedestrian flow. The bottom of diagonal curb ramps shall have 48" minimum clear space. If diagonal curb ramps are provided at marked crossings, the 48" clear space shall be within the markings. Diagonal curb ramps with flared sides shall have at least a 24" long segment of straight curb located on each side of the curb ramp and within the marked crossing. TAS SECTION 407.1 - ISLANDS A. Any raised islands in crossings shall be cut through level with the street or curb ramps at both sides and at least a 48" long by 36" wide minimum between the curb ramps in the part of the island intersected by the crossings. Each minimum 48" x 36" area shall be oriented so that the 48" minimum length is in the direction of the running slope of the curb ramp it serves. TAS SECTION 407 - ELEVATORS A. Elevators shall comply with ASME A17.1. They shall be passenger elevators as classified by ASME A17.1. Elevator operation shall be automatic. TAS SECTION 407.2 - ELEVATOR LANDING REQUIREMENTS A. Call buttons shall be raised or flush and located within one of the reach ranges specified in 305, measured to the centerline of the highest accessible point. 1. Call buttons shall be 34" minimum in the smallest dimension. 2. A clear floor space complying with 305 shall be provided at the controls. 3. The call button that designates the up direction shall be located above the call button that designates the down direction. 4. Call buttons shall have visible signals to indicate when each call is registered and when each call is answered. B. Keycards shall be in a standard telephone keypad arrangement. C. Visible and audible signals shall be provided at each doorway entrance to indicate which car is answering a call and the car's direction of travel. Where in-car signals are provided, they shall be visible from the floor area adjacent to the hall call button. D. Visible signal elements shall be 2 1/2" minimum measured along the vertical centerline of the element. Signals shall be visible from the floor area adjacent to the hall call button. 1. Audible signals shall sound once for the up direction and twice for the down direction, or shall have verbal announcements that indicate the direction of elevator car travel. Audible signals shall have a frequency of 1500Hz max. Verbal announcements shall have a frequency of 300 Hz min - 3000 Hz max. 2. Floor designation shall be provided at both jacks of elevator hoistways entrances. Floor designations shall be provided in both tactile characters and braille. Tactile characters shall be 2" high minimum. A tactile star shall be provided on both jacks at the main entry level. TAS SECTION 407.3 - ELEVATOR DOOR REQUIREMENTS A. Elevator doors shall be horizontal sliding type. Car gates are prohibited. B. Elevator doors shall be provided with a sensing device that shall stop and open a door and hoistway door automatically if the door becomes obstructed by an object or person. 1. The device shall be activated by registering an obstruction passing through the opening at 5" nominal and 25" nominal above the finish floor. 2. The device shall not require physical contact to be activated, although contact is permitted to occur before the door reverses. Door reopening devices shall remain effective for 20 seconds minimum. C. Elevator doors shall remain fully open in response to a car call for 3 seconds minimum. TAS SECTION 410 - PLATFORM LIFTS A. Platform lifts shall comply with ASME A18.1 (1999 edition or 2003 edition). Platform lifts shall not be attendant-operated and shall provide unassisted entry and exit from lift. B. The clearance between the platform and the edge of any runway landing shall be 1" maximum. C. Platform lifts shall have low-energy power-operated doors or gates complying with 404.3. Doors shall remain open for 30 seconds and gates shall provide a clear width of 32" minimum. Side doors and gates shall provide a clear 42" wide minimum. NOTE: REQUIRES A VARIANCE FROM THE I.D.L.R. TO USE IN LIEU OF AN ELEVATOR



CHAPTER 5: GENERAL SITE AND BUILDING ELEMENTS

TAS SECTION 502: PARKING SPACES (REFERENCE FIGURE 502.3)

- A. Accessible car parking spaces shall be at least 96" minimum wide and van accessible parking shall be 132" minimum wide.
1. Van parking spaces may be 96" wide minimum where there is an access aisle 96" wide minimum.
2. Access aisles serving car and van parking shall be a minimum 60" wide and shall adjoin an accessible route.
3. Access aisles shall be marked to discourage people from parking in them and extend the full length of the parking space.
- B. Surface slope shall not exceed 1:48 in all directions (Note: no built up curb ramp may be located in an accessible parking access aisle).
- C. Access aisles shall not overlap the vehicular way.
- D. Access aisles shall be permitted to be placed on either side of the parking space except for angled van parking spaces, which shall have access aisles located on the passenger side of the parking space.

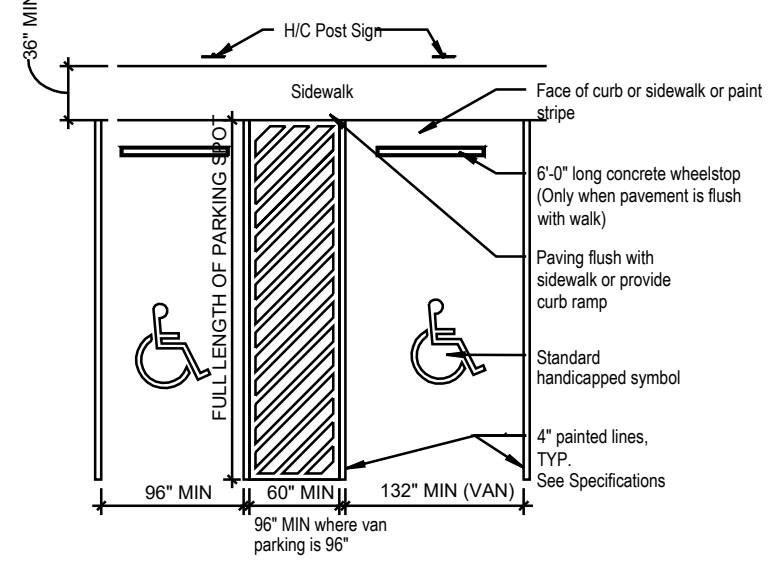
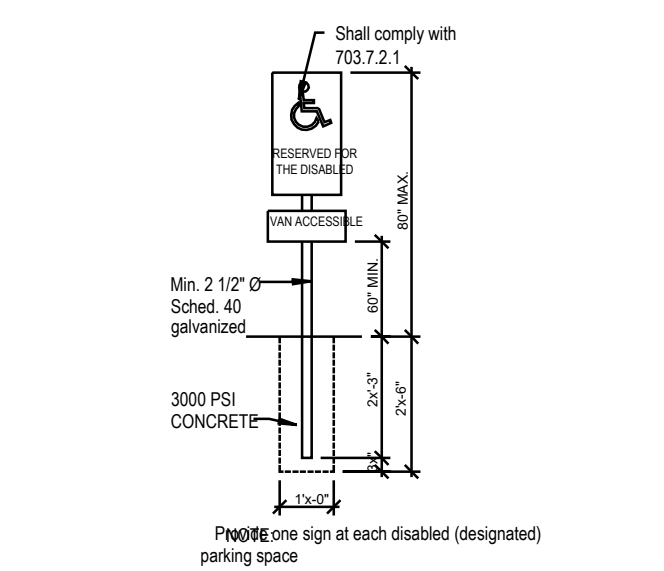


Figure 502.3 Parking space access aisle



TAS SECTION 503: PASSENGER LOADING ZONES

- A. Passenger loading zones shall provide a vehicular pull-up space 96" wide minimum and 20' long minimum.

TAS SECTION 503.3: ACCESS AISLE (REFERENCE FIGURE 503.3)

- A. Passenger loading zones shall provide access aisles complying with 503 adjacent to the vehicle pull-up space. Access aisles shall adjoin an accessible route and shall not overlap the vehicular way.
1. Access aisles serving vehicular pull-up spaces shall be 60" wide minimum and extend the full length of the vehicle pull-up spaces they serve.
2. Slopes steeper than 1:48 are not permitted. Changes in level of the floor and ground surfaces are not permitted.
- B. Vehicle pull-up spaces, access aisles serving them, and a vehicular route from an entrance to the passenger loading zone, and from the passenger loading zone to a vehicular exit shall provide a vertical clearance of 144" minimum.

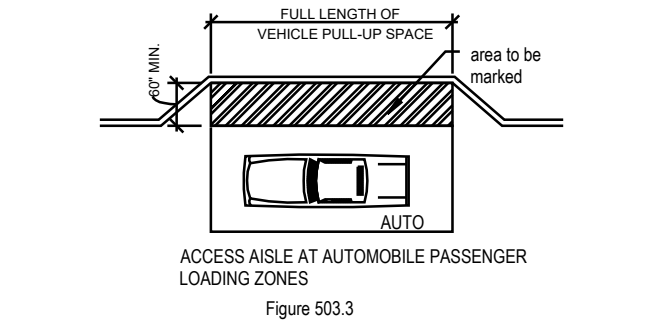


Figure 503.3 Passenger loading zone access aisle

TAS SECTION 504: STAIRWAYS

TAS SECTION 504.1: TREADS AND RISERS

- A. All steps on a flight of stairs shall have uniform riser heights and tread widths.
1. Minimum tread depth shall be 11" measured from riser to riser (not including nosing).
2. Open risers are not permitted.
3. Risers shall be 4" high min., 7" high max.

TAS SECTION 504.5: NOSINGS (REFERENCE FIGURE 504.5)

- A. Radius of the curvature at the leading edge shall be 1/2" maximum. Risers shall be permitted to slope under the tread at an angle of 30 degrees maximum from vertical. The permitted projection of the nosing shall extend 1/2" maximum over the tread below.

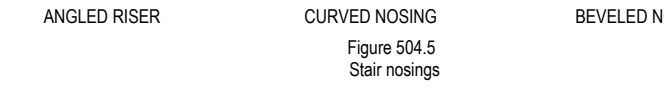


Figure 504.5 Stair nosings

TAS SECTION 505: HANDRAILS (REFERENCE FIGURES 505.10.1, 505.10.2, 3)

- A. Handrails shall be provided on both sides of stairs and ramps. Non-continuous stair handrails shall extend 12" beyond the top riser and the width of one tread beyond the bottom riser. At the top, the extension shall be parallel to the wall. At the bottom, the handrail shall continue to slope for a distance of one tread width. Non-continuous ramp handrails shall extend 12" minimum beyond the top and bottom of ramp runs.
- B. Height: 34"-38", measured from the stair nosing.
- C. Clearance between handrail and adjacent surfaces shall be 1 1/2" minimum.
- D. Handrails shall not rotate within their fittings.
- E. Handrails are required on ramp runs greater than 6" in rise.

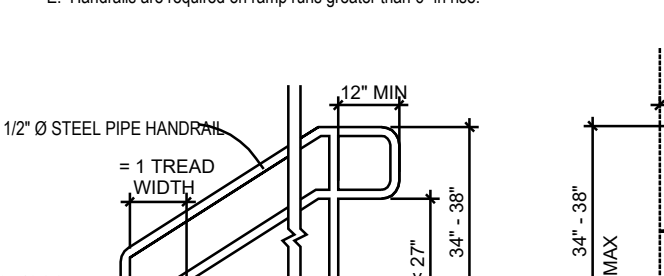


Figure 505.10.1 Top and bottom handrail extension at stairs

Figure 505.10.2: Top and bottom handrail extension at ramp



Figure 505.10.2 Top and bottom handrail extension at ramp

Figure 505.10.3: Top and bottom handrail extension at landing



Figure 505.10.3 Top and bottom handrail extension at landing

Figure 505.10.4: Top and bottom handrail extension at ramp



Figure 505.10.4 Top and bottom handrail extension at ramp

Figure 505.10.5: Top and bottom handrail extension at landing



Figure 505.10.5 Top and bottom handrail extension at landing

Figure 505.10.6: Top and bottom handrail extension at ramp



Figure 505.10.6 Top and bottom handrail extension at ramp

CHAPTER 6: PLUMBING ELEMENTS AND FACILITIES

TAS SECTION 602: DRINKING FOUNTAINS

- A. Drinking fountains shall comply with 307 (drinking objects) and 602.
- B. Units shall have a clear floor or ground space complying with 305 positioned for a forward approach and centered on the unit. Knee and toe clearances must comply with 305. Operable parts shall comply with 309. (FIG. 602.3)
- TAS SECTION 602.4: SPOUT HEIGHT (REFERENCE FIGURE 602.4 FOR ACCESSIBLE UNIT)
- A. Accessible spouts shall be a minimum 36" above the finish floor or ground.
- B. The spout shall be located 15" minimum from the vertical support and 5" minimum from the front edge of the unit, including bumpers.
- C. The spout shall provide a flow of water at least 4" high and shall be located 5" minimum from the front of the unit.
- D. Where spouts are located less than 3" from the front of the unit, the water stream shall be 30 degrees maximum. Where the spout is located between 3"-5" maximum from the front of the unit, the angle of the water stream shall be 15 degrees maximum.
- TAS SECTION 602.7: DRINKING FOUNTAINS FOR STANDING PERSONS
- A. Spout outlets of drinking fountains for standing persons shall be 38" minimum and 43" maximum above the finish floor or ground. (FIG. 602.4)

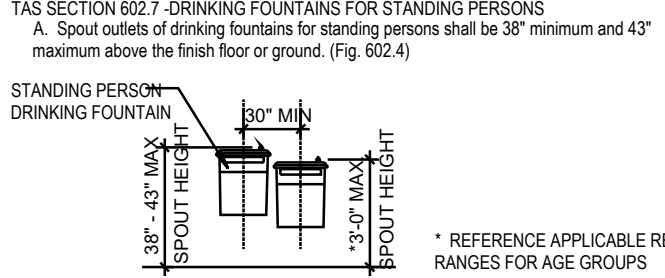


Figure 602.4 Drinking fountain spout location

TAS SECTION 603: TOILET AND BATHING ROOMS

- A. Turning space complying with 304 shall be provided within the room. (60" diameter or T-shaped space per 304.2)
- B. Required clear floor space, clearance at fixtures, and turning space shall be permitted to overlap.
- C. Door swings shall not swing into the clear floor space or clearance required for any fixture. Doors can swing into the required turning space.

TAS SECTION 603.3: MIRRORS

- A. Mirrors located above lavatories or countertops shall be installed so the bottom edge of the reflecting surface is 40" maximum above the finish floor or ground. Mirrors not installed above lavatories or countertops shall be 35" maximum above the finish floor or ground.

TAS SECTION 603.4: COAT HOOKS AND SHELVES

- A. Coat hooks shall be located within the reach ranges specified in 308. Shelves shall be located 47"-49" above the finish floor.

TAS SECTION 604: WATER CLOSETS AND TOILET COMPARTMENTS

- A. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16" minimum and 16" maximum from the side wall or partition, except in an ambulatory accessible toilet compartment where the centerline of the water closet may be 17" minimum and 19" maximum from the side wall or partition. Water closets shall be arranged for a left-hand or right-hand approach. (FIG. 604.3.1, 604.8.2)

TAS SECTION 604.3: CLEARANCE

- A. Clearances around water closets and in toilet compartments shall comply with Figure 604.3.1

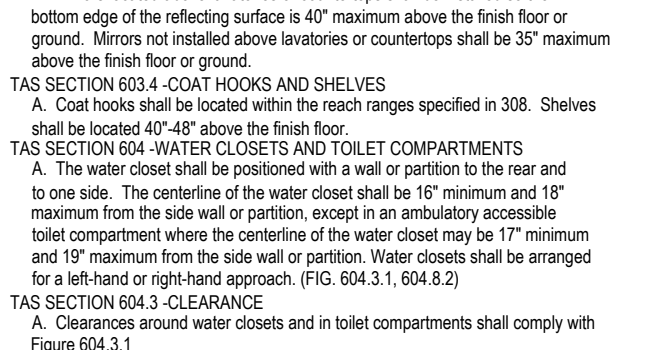


Figure 604.3.1 Clear Floor Space at Water Closets

TAS SECTION 604.3.2: OVERLAP

- A. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the limiting space. No other fixtures or obstructions shall be located within the required water closet clearance.

TAS SECTION 604.4: SEATS (REFERENCE FIGURE 604.4)

- A. The seat height of a water closet above the finish floor shall be 17"-19" maximum measured to the top of seat.
1. Seats shall not be sprung to return to a fixed position.

TAS SECTION 604.5: GRAB BARS (REFERENCE FIGURES 604.4, 604.5.2)

- A. Grab bars shall comply with 609 and be provided on the side wall closest to the water closet and on the rear wall.
1. Grab bars shall not be required in a toilet room for a single use occupant accessed only through a private office and not for common or public use provided that reinforcement has been installed in walls and ceiling so as to permit the installation of grab bars complying with 604.5

B. For water closets located in toilet stalls, the following grab bars shall be provided: 30"-36" above the finish floor.

1. Side wall: 42" long minimum, located 12" maximum from back wall.
2. Rear wall: 36" long minimum and extend from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side. Refer to 609 grab bars for size and structural elements.

TAS SECTION 604.5: FLUSH CONTROLS (REFERENCE FIGURE 604.5.2)

- A. Flush controls shall be hand operated or automatic. Hand operated flush controls shall comply with 309. Flush controls shall be located on the open side of the water closet except in ambulatory accessible compartments complying with 604.2.

TAS SECTION 604.7: DISPENSERS (REFERENCE FIGURE 604.4)

- A. Toilet paper dispensers shall comply with 309.4 and shall be 17" minimum and 9" maximum in front of the water closet measured to the centerline of the dispenser. The outlet of the dispenser shall be 15" minimum and 48" maximum above the finish floor and shall not be located behind grab bars. Dispensers that control delivery or do not permit continuous paper flow shall not be used.

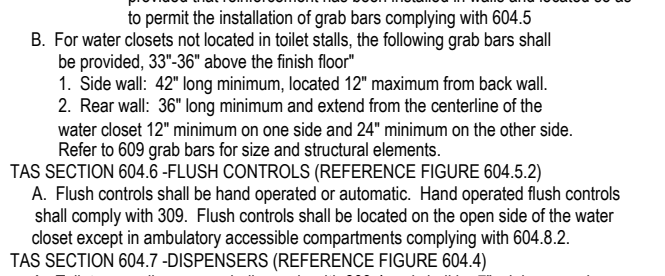


Figure 604.4 Toilet paper dispenser

TAS SECTION 604.8: TOILET COMPARTMENTS

- A. Wheelchair accessible toilet compartments shall meet the requirements of 604.8.1 and 604.8.3. Compartments containing more than one plumbing fixture shall comply with 603. Ambulatory accessible compartments shall comply with 604.2 and 604.8.3.

TAS SECTION 604.8.1: WHEELCHAIR ACCESSIBLE COMPARTMENTS

- A. Wheelchair accessible compartments shall comply with 604.8.1
- B. Wheelchair accessible compartments shall be 60" wide minimum measured perpendicular to the side wall, and 36" deep minimum for wall hung water closets and 59" deep minimum for floor mounted water closets measured perpendicular to the rear wall. Wheelchair accessible compartments for children's use shall be 60" wide minimum measured perpendicular to the wall and 59" deep minimum for wall hung and floor mounted water closets measured perpendicular to the rear wall.

TAS SECTION 609: GRAB BARS

- A. Grab bars with circular cross sections shall have an outside diameter of 1 1/4" minimum and 2" maximum. Grab bars with non-circular cross sections shall have a cross-section dimension of 2" maximum and a perimeter dimension of 4" minimum and 4.8" maximum.
- B. The space between the wall and grab bar shall be 1/2". The space between the grab bar and projecting object below shall be 1/2" minimum. The space between the grab bar and projecting objects above shall be 1/2" minimum.
- C. Grab bars shall be installed in a horizontal position, 33" minimum and 36" maximum above the finish floor measured to the top of the gripping surface. Refer to chart for children accessible heights for exceptions.

D. Allowable stresses shall not be exceeded for materials used when a horizontal or vertical force of 250 pounds is applied at any point of the grab bar or any of its components.

TAS SECTION 610.2: BATHUB SEATS

- A. Seat shall be able to stand vertical and horizontal forces of 250 pounds and shall have the following features:
1. Shall be 17"-19" above finish floor
2. Removable seats shall be 15"-18" deep and capable of secure placement.
3. Permanent seats shall be 15" deep minimum and extend from the back wall to 2" beyond the outer edge of the bathtub.

TAS SECTION 610.3: SHOWER SEATS

- A. Seats shall be L-shaped with the rear edge 2 1/2" maximum from the wall and 15"-16" maximum from the seat wall. The rear edge of the "L" portion shall be 1 1/2" maximum from the wall and the front edge shall be 14"-15" from the wall. The end of the "L" shall be 22"-23" from the main seat wall. Seats shall have the ability to stand vertical and horizontal forces of 250 lb.
1. Shall be 17"-19" above finish floor
2. Where a seat is provided in a roll-in type shower it must be the fold-up type

TAS SECTION 611: WASHING MACHINES AND CLOTHES DRYERS

- A. Top loading machines shall have the door to the laundry compartment located 36" maximum above the finish floor. Front loading machines shall have the bottom of the opening to the laundry compartment located 15"-38" above the finish floor.

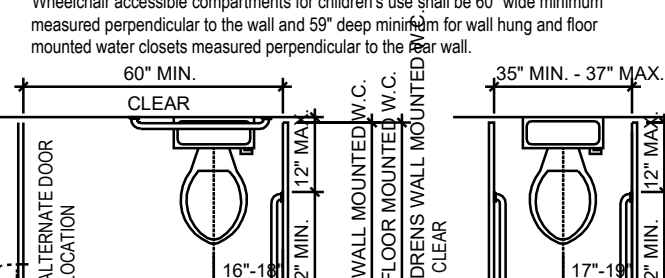


Figure 604.8.1.2 Wheelchair accessible toilet compartment doors

Figure 604.8.2: Ambulatory accessible toilet compartments

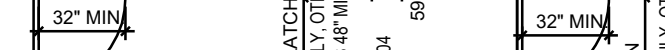


Figure 604.8.2 Ambulatory accessible toilet compartments

Figure 604.8.3: Ambulatory accessible toilet compartments

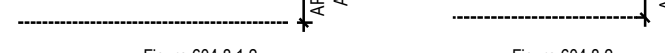


Figure 604.8.3 Ambulatory accessible toilet compartments

Figure 604.8.4: Ambulatory accessible toilet compartments



Figure 604.8.4 Ambulatory accessible toilet compartments

Figure 604.8.5: Ambulatory accessible toilet compartments

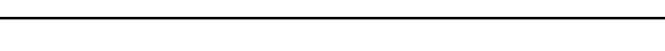


Figure 604.8.5 Ambulatory accessible toilet compartments

Figure 604.8.6: Ambulatory accessible toilet compartments



Figure 604.8.6 Ambulatory accessible toilet compartments

CHAPTER 6: PLUMBING ELEMENTS AND FACILITIES (CONTINUED)

TAS SECTION 604.8.1.2: DOORS (REFERENCE FIGURES 604.8.1.2, 604.8.2)

- A. Toilet compartments doors, including door hardware, shall comply with 404 except that the approach is to the back side of the compartment door. Clearance from the door side of the compartment and any obstruction shall be 42" minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4" maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4" maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.
- B. Compartments shall be arranged for left-hand and right-hand approach to the water closet.
- TAS SECTION 604.8.1.4: TOILET CLEARANCE
- A. The front partition and at least one side partition shall provide a toe clearance of 9" minimum above finish floor and 6" deep minimum beyond the compartment side face of the partition, exclusive of partition support members. Compartments for children's use shall provide 12" minimum toe clearance above finish floor.
- TAS SECTION 604.8.2: AMBULATORY ACCESSIBLE COMPARTMENTS
- A. Ambulatory accessible compartments shall comply with Figure 604.8.2
- B. Ambulatory accessible compartments shall have a depth of 60" minimum and a width of 35" 3/4" maximum.
- C. Grab bars in ambulatory accessible compartments shall comply with 609. A side-wall grab bar that is 42" long minimum, located 12" maximum from the rear wall and extending 54" minimum from the rear wall shall be located on both sides of compartment. D. Coat hooks shall be located within one of the reach ranges specified in 308. Shelves shall be located 40"-48" maximum above the finish floor.

TAS SECTION 605: URINALS

- A. Urinals shall be stall-type or wall-hung with the rim 17" maximum above the finish floor or ground. Urinals shall be 13 1/2" deep minimum measured from the outer face of the urinal rim to the back side of the fixture. (FIG. 605.2)
- B. A clear floor space complying with 305 (30" min. wide by 48" min. deep) positioned for forward approach shall be provided.

TAS SECTION 606: LAVATORIES AND SINKS

- A. A clear floor space complying with 305 (30" min. wide by 48" min. deep) positioned for a forward approach, and knee and toe clearances complying with 306 shall be provided.
1. Soap and towel dispensers must also be located within the reach ranges specified in 308. Locate soap and towel dispensers so they are easy to use by a person at the accessible lavatory.

B. Lavatories and sinks shall be located with the front of the higher rim or counter surface 34" maximum above the finish floor or ground.

- C. Controls for faucets shall comply with 309. Hand-operated meeting faucets shall remain for 10 seconds minimum.
- D. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. There shall be no sharp or abrasive surfaces under lavatories and sinks.

TAS SECTION 607: BATHTUBS

- A. Clearance in front of bathtub shall extend the length of the bathtub and shall be 30 inches wide minimum. A lavatory complying with 606 shall be permitted at the rear end of the clearance. Where a permanent seat is provided at the head end of the bathtub, the clearance shall extend 12" minimum beyond the wall at the head end of the bathtub.
- B. A permanent seat at the head end of the bathtub or a removable in-tub seat shall be provided. Seats shall comply with 610.
- C. Grab bars for bathtubs shall comply with 609 and shall be provided in accordance with figures 607.4.1

TAS SECTION 608: SHOWER COMPARTMENTS

- A. Shower stalls shall be 36" x 36" clear floor dimension at transfer type shower compartments and have a 36" minimum wide by 48" minimum long clearance measured from the control wall. Roll-in type shower compartments shall be 30" wide minimum and 60" minimum long and shall have a 30" wide entry on the face of the shower compartment. Alternate roll-in shower type compartments shall be 36" minimum wide and 60" minimum deep clear floor dimension with a 36" wide minimum entry provided at one end of the long side of the compartment.

TAS SECTION 608.1: TRANSFER TYPE SHOWER COMPARTMENT

- A. In roll-in type shower compartments, grab bars shall be provided across the control wall and back wall to be a point 18" from the control wall.
- B. A folding or non-folding seat shall be provided in transfer type shower compartments.
- C. Controls, faucets, and shower spray units shall comply with 309.

TAS SECTION 608.7: THRESHOLDS

- A. Thresholds in roll-in type shower compartments shall be 1/2" high maximum in accordance with 306. In transfer type shower compartments, thresholds 1/2" high shall be beveled, rounded, or beveled.

Figure 703.2.1: Intentional Symbol of Accessibility

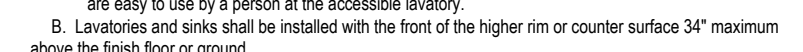


Figure 703.2.1 Intentional Symbol of Accessibility

Figure 703.4.1: Height of tactile characters above finish floor or ground

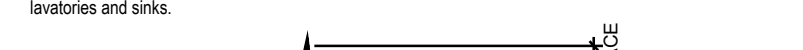


Figure 703.4.1 Height of tactile characters above finish floor or ground

Figure 704.2: Location of sign at door

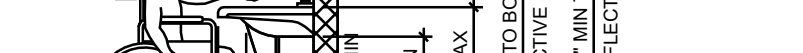


Figure 704.2 Location of sign at door

Figure 704.2.1: Parallel approach to telephone



Figure 704.2.1 Parallel approach to telephone

Figure 704.2.2: Forward approach to telephone

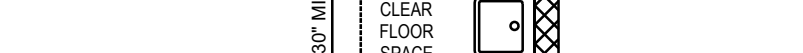


Figure 704.2.2 Forward approach to telephone

Figure 704.2.3: Forward approach to telephone

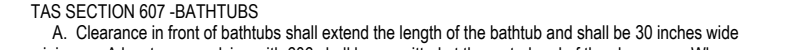


Figure 704.2.3 Forward approach to telephone

Figure 704.2.4: Forward approach to telephone

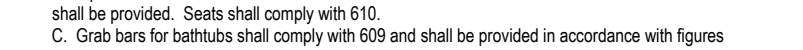


Figure 704.2.4 Forward approach to telephone

Figure 704.2.5: Forward approach to telephone

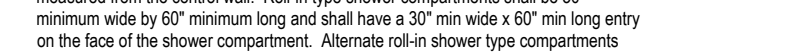


Figure 704.2.5 Forward approach to telephone

Figure 704.2.6: Forward approach to telephone

